

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\  
 Data File : VV019357.D  
 Acq On : 12 Nov 2020 17:22  
 Operator : SY/MD  
 Sample : L4693-15ME 2X  
 Misc : 5.73g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4E1ME

Manual Integrations  
 APPROVED

MMDadoda  
 11/16/2020 2:27:07 PM

Quant Time: Nov 13 02:09:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM111220WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 13 01:06:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 209808   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 207621   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 119643   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 73904    | 46.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 93.46%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 67540    | 52.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 105.12% |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 122958   | 37.78    | ug/L | -0.01   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.56%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 81827m   | 100.33   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.33% |
| 24) Chloroform-d               | 4.37    | 84    | 139375   | 46.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.14%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 103677   | 49.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.38%  |
| 32) Benzene-d6                 | 5.07    | 84    | 262850   | 49.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.18%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 75526    | 50.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.64% |
| 41) Toluene-d8                 | 7.33    | 98    | 249845   | 47.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.48%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 45559    | 48.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.06%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 60035    | 107.71   | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 107.71% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 98404    | 48.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.94%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 117486   | 51.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.82% |

| Target Compounds      |      |     |        |              | Ovalue |
|-----------------------|------|-----|--------|--------------|--------|
| 34) Trichloroethene   | 5.94 | 95  | 26544  | 16.804 ug/L  | 98     |
| 46) Tetrachloroethene | 7.99 | 164 | 414197 | 297.684 ug/L | 99     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

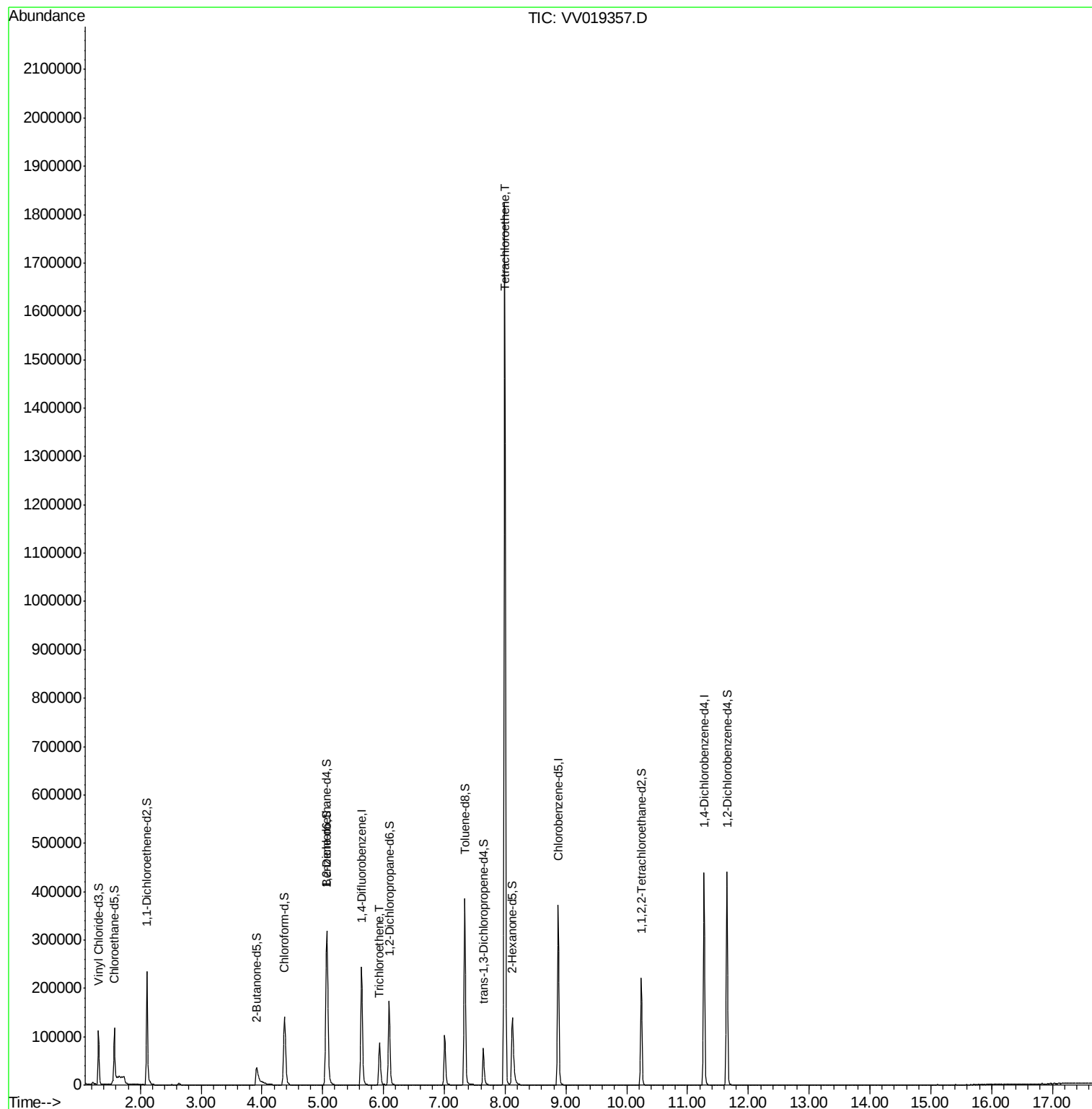
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV111220\  
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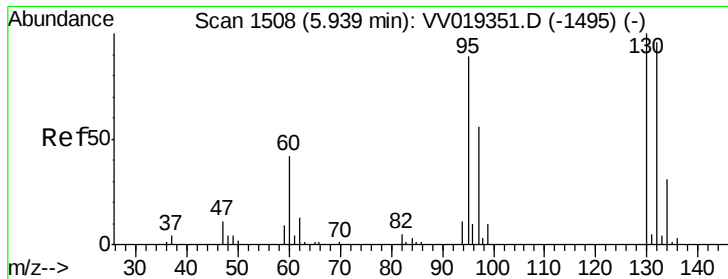
Instrument :  
MSVOA\_V  
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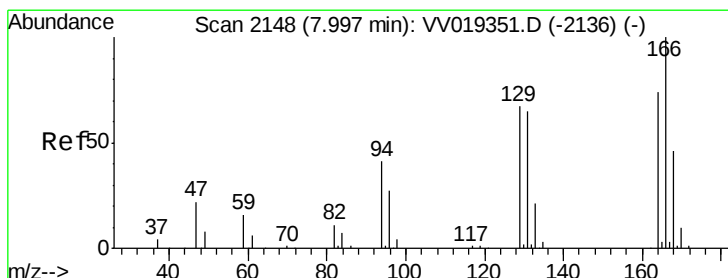
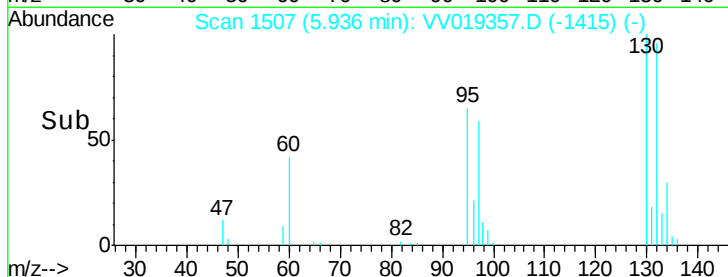
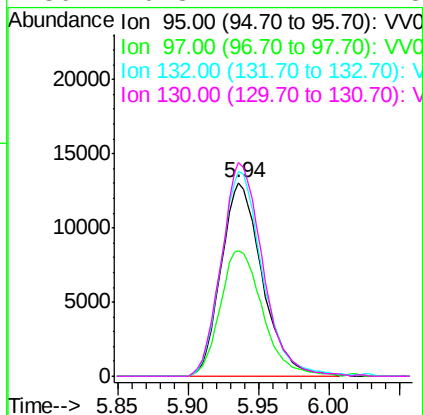
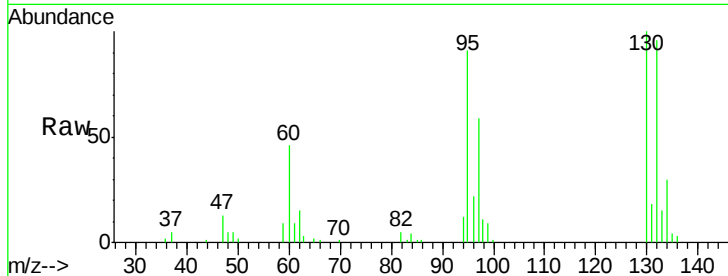
#34  
 Trichloroethene  
 Concen: 16.804 ug/L  
 RT: 5.94 min Scan# 1507  
 Delta R.T. -0.00 min  
 Lab File: VV019357.D  
 Acq: 12 Nov 2020 17:22

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4E1ME

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 97      | 65.1  | 46.8  | 86.8  |
| 132     | 105.7 | 75.5  | 140.3 |
| 130     | 110.3 | 77.7  | 144.3 |

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#46  
 Tetrachloroethene  
 Concen: 297.684 ug/L  
 RT: 7.99 min Scan# 2147  
 Delta R.T. -0.00 min  
 Lab File: VV019357.D  
 Acq: 12 Nov 2020 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 129     | 88.4  | 60.9  | 113.1 |
| 131     | 84.6  | 58.9  | 109.5 |
| 166     | 129.0 | 91.4  | 169.8 |

